



PTO/SB/08a (08-03)

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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/686,323
				Filing Date	October 15, 2003
				First Named Inventor	Cruz-Hernandez et al.
				Art Unit	2123
				Examiner Name	Not yet Assigned
Sheet	1	of	1	Attorney Docket Number	IMM 150 (51851-293432)

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
/C.M./	1	EP 0 265 086 B1	07/25/1990	Massey-Ferguson Services, N.V.	X	
/C.M./	2	GB 569,136	05/07/1945	Shell Development Company		
/C.M./	3	GB 1 291 271	10/04/1972	Sud-Aviation Societe Nationale De Constructions Aero- Nautiques		
/C.M./	4	GB 1 372 412	10/30/1974	Girling Limited		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

Examiner Signature	/Calvin Ma/	Date Considered	08/07/2007
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**SUPPLEMENTAL
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet	1	of	2
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Complete if Known

Application Number	10/686,323
Filing Date	10/15/2003
First Named Inventor	CRUZ-HERNANDEZ et al.
Art Unit	2123
Examiner Name	Not Yet Assigned
Attorney Docket Number	IMM150

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

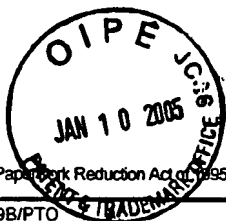
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Sheet 2 of 2

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/C.M./	4	PCT International Search Report dated January 12, 2004	

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Sheet	2	of	2

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/C.M./		LINDEMANN, R.W. and TEMPLEMAN, J.N., Vibrotactile Feedback For Handling Virtual Contact In Immersive Virtual Environments, In <i>Usability Evaluation and Interface Design: Cognitive Engineering, Intelligent Agents and Virtual Reality</i> , Smith, M.J., Salvendy, G., Hamis, D., and Koubek, R.J. (Eds.) 2001, pp. 21-25.	
/C.M./		LINDEMANN, R.W., TEMPLEMAN, J.N., SIBERT, J.L. and CUTLER, J.R., Handling of Virtual Contact in Immersive Virtual Environments: Beyond Visuals, <i>Virtual Reality</i> (2002) 6:130-139.	
/C.M./		Partial PCT International Search Report dated September 2, 2004	

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(Use as many sheets as necessary)

Sheet 1 of 1

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U.S. PATENT DOCUMENTS

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		Number - Kind Code ² (if known)			
/C.M./	1	5,690,582	11/25/1997	Ulrich et al.	

FOREIGN PATENT DOCUMENTS

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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

OTHER DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
/C.M./	2	Lake, "Cyberman From Logitech," GameBytes, 1994
/C.M./	3	NOLL, "Man-Machine Tactile," SID Journal, July/August 1972 Issue
/C.M./	4	ROSENBERG, "Virtual Fixtures: Perceptual Overlays Enhance Operator Performance in Telepresence Tasks," Ph.D. Dissertation, Stanford University, June 1994
/C.M./	5	YAMAKITA et al., "Tele-Virtual Reality of Dynamic Mechanical Model," Proceedings of the 1992 IEEE/RSJ International Conference on Intelligent Robots and Systems, Raleigh, NC, July 7-10, 1992

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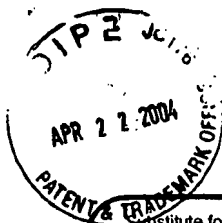
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Sheet 1 of 9

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		Number - Kind Code ² (if known)			
/C.M./	1	2,972,140	2/14/1961	Hirsch	
/C.M./	2	3,157,853	11/17/1964	Hirsch	
/C.M./	3	3,220,121	11/30/1965	Cutler	
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/C.M./	15	4,464,117	8/7/1984	Forest	
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/C.M./	20	4,708,656	11/24/1987	De Vries et al.	
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/C.M./	30	5,019,761	5/28/1991	Kraft	
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/C.M./	66	6,067,081	5/23/2000	Hahlganss, et al.	
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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/686,323
		Filing Date	10/15/2003
		First Named Inventor	Cruz-Hernandez, et al.
		Art Unit	2123
		Examiner Name	Not yet assigned
Sheet 4 of 9	Attorney Docket Number	IMM150	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ^o
		Country Code ² - Number ³ - Kind Code ⁵ (if known).					
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Sheet 5 of 9

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Application Number	10/686,323
Filing Date	10/15/2003
First Named Inventor	Cruz-Hernandez, et al.
Art Unit	2123
Examiner Name	Not yet assigned
Attorney Docket Number	IMM150

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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)					
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 6 of 9

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Application Number	10/686,323
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First Named Inventor	Cruz-Hernandez, et al.
Art Unit	2123
Examiner Name	Not yet assigned
Attorney Docket Number	IMM150

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Application Number	10/686,323
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First Named Inventor	Cruz-Hernandez, et al.
Art Unit	2123
Examiner Name	Not yet assigned
Attorney Docket Number	IMM150

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